

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2009 Levee Inspection Results

East Levee Sacramento River

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

East Levee Sacramento River

Waterway		Bank	Unit Miles
Unit No. 01 Sacramento River		Left	20.40

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2009 - 4/1/2009			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.40	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	0.00	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.194898 ° -121.936050 °	39.383907 ° -121.990225 °		2
2	0.00	0.00	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.194912 ° -121.936062 °	39.383903 ° -121.990223 °		1
3	0.08	0.14	Earthen Levee	Encroachments	WS	CO	Buildings	39.194978 ° -121.937502 °	39.195022 ° -121.938563 °		3
4	1.08	1.16	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.194318 ° -121.953077 °	39.193765 ° -121.954452 °		4
5	1.54	1.69	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.191057 ° -121.960547 °	39.189465 ° -121.962527 °		18
6	3.54	3.76	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	39.201032 ° -121.984457 °	39.203657 ° -121.982513 °		5
7	5.37	5.37	Earthen Levee	Encroachments	LS	M	Prunings	39.217235 ° -122.003672 °	39.217235 ° -122.003672 °		19
8	6.33	6.33	Earthen Levee	Encroachments	LS	M	Prunings	39.223637 ° -121.998848 °	39.223637 ° -121.998848 °		20
9	6.42	6.42	Earthen Levee	Encroachments	LS	M	Material	39.224982 ° -121.998600 °	39.225013 ° -121.998585 °		21
10	6.43	6.43	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.225133 ° -121.998597 °	39.225133 ° -121.998597 °		22
11	6.93	6.96	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.229842 ° -121.995837 °	39.230292 ° -121.995765 °		23
12	11.90	12.16	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	39.285332 ° -122.014710 °	39.289018 ° -122.013928 °		10
13	11.90	12.21	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	39.285337 ° -122.014700 °	39.289698 ° -122.013953 °		11
14	12.41	12.41	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	39.292622 ° -122.013432 °	39.292622 ° -122.013432 °		12
15	12.57	12.57	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	39.294880 ° -122.014133 °	39.294880 ° -122.014133 °		13
16	12.83	12.83	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.298540 ° -122.014030 °	39.298540 ° -122.014030 °		14
17	15.79	15.83	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.338152 ° -122.022677 °	39.338323 ° -122.022230 °		24

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.40	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	16.97	16.97	Earthen Levee	Encroachments	LS	M	Prunings	39.347280 ° -122.015095 °	39.347280 ° -122.015095 °		26
19	18.04	18.18	Earthen Levee	Encroachments	LS	M	Equipment	39.359188 ° -122.006878 °	39.359980 ° -122.004517 °		16
20	18.07	18.18	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	39.359447 ° -122.006320 °	39.359978 ° -122.004517 °		17

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

East Levee Sacramento River

Waterway		Bank	Unit Miles
Unit No. 02 Colusa Bypass		Right	2.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2009 - 4/1/2009			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Colusa Bypass	Right	2.30	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.05	7.11	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	39.231857 ° -121.995102 °	39.232025 ° -121.995830 °		4
2	0.11	7.11	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	39.231575 ° -121.993938 °	39.232037 ° -121.995822 °		3
3	0.27	0.27	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	39.231332 ° -121.991077 °	39.231332 ° -121.991077 °		5
4	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.231323 ° -121.989213 °	39.231323 ° -121.989213 °		6
5	1.07	7.11	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	39.231448 ° -121.976415 °	39.232047 ° -121.995807 °		2
6	1.07	7.11	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.231447 ° -121.976412 °	39.232050 ° -121.995803 °		1

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

East Levee Sacramento River

Waterway		Bank	Unit Miles
Unit No. 03 Colusa Bypass		Left	2.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2009 - 4/1/2009			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Colusa Bypass	Left	2.30	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.03	0.03	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	39.236587 ° -121.993603 °	39.236587 ° -121.993603 °		4
2	0.09	7.44	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.236275 ° -121.992518 °	39.236720 ° -121.994048 °		3
3	0.23	0.30	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.236095 ° -121.989995 °	39.236223 ° -121.988708 °		5
4	0.28	0.28	Earthen Levee	Encroachments	WS	C	Tree or limb	39.236183 ° -121.989087 °	39.236183 ° -121.989087 °		6
5	0.44	0.44	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.236735 ° -121.986215 °	39.236735 ° -121.986215 °		7
6	0.58	0.58	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	39.237232 ° -121.983747 °	39.237232 ° -121.983747 °		8
7	0.60	0.94	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	39.237343 ° -121.983360 °	39.238558 ° -121.977380 °		9
8	1.06	7.44	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	39.239368 ° -121.975745 °	39.236717 ° -121.994048 °		2
9	1.98	1.98	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	39.244888 ° -121.965595 °	39.244888 ° -121.965595 °		10
10	2.05	2.17	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	39.244823 ° -121.964298 °	39.244832 ° -121.962078 °		11
11	2.16	2.19	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	39.244823 ° -121.962300 °	39.244832 ° -121.961688 °		12
12	2.17	2.17	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	39.244838 ° -121.962072 °	39.244838 ° -121.962072 °		13
13	2.31	7.44	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.244867 ° -121.959463 °	39.236712 ° -121.994050 °		1

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

East Levee Sacramento River

Waterway		Bank	Unit Miles
Unit No. 04 Moulton Bypass		Right	0.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2009 - 4/1/2009			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

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Signature of LMA Representative

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Moulton Bypass	Right	0.30	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.03	15.82	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	39.338112 ° -122.021673 °	39.338160 ° -122.022017 °		1

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

East Levee Sacramento River

Waterway		Bank	Unit Miles
Unit No. 05 Moulton Bypass		Left	2.00

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2009 - 4/1/2009			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Moulton Bypass	Left	2.00	04/01/2009 04/01/2009	Bob Duffey

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.77	16.95	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	39.340822 ° -122.009392 °	39.347188 ° -122.015385 °		2
2	0.77	16.95	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	39.340822 ° -122.009390 °	39.347192 ° -122.015382 °		1
3	0.87	1.04	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	39.340055 ° -122.007820 °	39.338873 ° -122.004983 °		4

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